



ENROLL US

We Want to Be a Partner in EPA's
National Partnership for Environmental Priorities

IDENTIFYING INFORMATION

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PARTNER AGREEMENT

Our organization is choosing to become a partner in EPA's National Partnership for Environmental Priorities. Our goal is to reduce the quantity of one or more Priority Chemicals currently found in our products, processes, or releases using techniques such as source reduction, recycling, or other materials management practices. In this enrollment application, we identify one or more voluntary goals that we believe we can achieve as partners in this program. The voluntary goal(s) provided below is an initial estimate and may change over time. We may revise our goal(s) or withdraw from the program at any time. If/when we choose to revise our goals or withdraw from the program, we will notify EPA.

GOAL #1. Chemical Name: Cadmium **CASRN:** 7440-43-9

Narrative description of proposed project: Elmendorf AFB will replace F-15 fighter jets with 36 state-of-the-art F-22 Raptors. When compared to the F-15, the F-22 has 95% less cadmium in the landing gear plating and has virtually eliminated cadmium-plated fasteners (< 1%). Also, the F-22 has no cadmium plated fasteners on its exterior thereby eliminating cadmium hazardous waste being generated from aircraft washing. Additionally, Elmendorf AFB has purchased new equipment that uses adsorption and electrostatic forces technology to capture and encapsulate cadmium from parts washer rinsate; this project will result in water savings of 3,960 gallons per year.

How we will measure success: We will measure success by weighing the amount of cadmium-contaminated hazardous waste generated each year from parts washer operations as well as measuring the cadmium concentrations.

1a. Our voluntary **source reduction** goal for Chemical #1 is to reduce the amount of this chemical generated/used from a baseline amount of 4 pounds in May, 2007 (month/year) to a reduced amount of 1 pounds generated/used by August, 2009 (month/year).

1b. To accomplish this goal, we will use the following source reduction options (check all that apply):

- | | |
|--|---|
| <input checked="" type="checkbox"/> Equipment or technology modifications. | <input type="checkbox"/> Process or procedure modifications. |
| <input type="checkbox"/> Reformulation or redesign of products. | <input checked="" type="checkbox"/> Substitution of less toxic raw materials. |
| <input type="checkbox"/> Improvements in inventory control. | <input type="checkbox"/> Improvements in maintenance/housekeeping practices. |
| <input type="checkbox"/> Other (describe): _____ | |

2a. In addition to, or in lieu of using source reduction methods, our voluntary **recycling or recovery** goal for Chemical #1 is to increase the recycled or recovered quantity of this chemical from a baseline amount of _____ pounds in _____ (month/year) to an increased quantity of _____ pounds by _____ (month/year).

2b. To accomplish this recycling or recovery goal, we will use the following options (check all that apply):

- | |
|--|
| <input type="checkbox"/> Direct use/reuse in a process to make a product. |
| <input type="checkbox"/> Processing the waste to recover or regenerate a usable product. |
| <input type="checkbox"/> Using/reusing waste as a substitute for a commercial product. |
| <input type="checkbox"/> Other (describe): _____ |

3. We have a Quality Assurance/Quality Control Plan for data (check which applies). ☒ Yes ☐ No

Please use supplemental sheets for additional goals.

SUPPLEMENTAL GOAL SHEET: NATIONAL PARTNERSHIP FOR ENVIRONMENTAL PRIORITIES

GOAL #2. Chemical Name: RCRA classified cadmium waste **CASRN:** 7440-43-9

Narrative description of proposed project: The phase out of F-15 fighter jets with F-22 Raptors that have less cadmium components will also reduce the quantity of cadmium bearing waste streams from other processes, such as sanding and painting operations.

How we will measure success: We will measure success by weighing the amount of RCRA classified cadmium bearing waste from air filter and floor sweep waste.

1a. Our voluntary **source reduction** goal for Chemical # 2 is to reduce the amount of this chemical generated/used from a baseline amount of 8,475 pounds in December, 2006 (month/year) to a reduced amount of 5,933 pounds generated/used by December, 2007 (month/year).

1b. To accomplish this goal, we will use the following source reduction options (check all that apply):

- | | |
|--|---|
| <input checked="" type="checkbox"/> Equipment or technology modifications. | <input type="checkbox"/> Process or procedure modifications. |
| <input type="checkbox"/> Reformulation or redesign of products. | <input checked="" type="checkbox"/> Substitution of less toxic raw materials. |
| <input type="checkbox"/> Improvements in inventory control. | <input type="checkbox"/> Improvements in maintenance/housekeeping practices. |
| <input type="checkbox"/> Other (describe): _____ | |

2a. In addition to, or in lieu of using source reduction methods, our voluntary **recycling or recovery** goal for Chemical # _____ is to increase the recycled or recovered quantity of this chemical from a baseline amount of _____ pounds in _____ (month/year) to an increased quantity of _____ pounds by _____ (month/year).

2b. To accomplish this recycling or recovery goal, we will use the following options (check all that apply):

- ☐ Direct use/reuse in a process to make a product.
- ☐ Processing the waste to recover or regenerate a usable product.
- ☐ Using/reusing waste as a substitute for a commercial product.
- ☐ Other (describe): _____

3. We have a Quality Assurance/Quality Control Plan for data (check which applies). ☒ Yes ☐ No

GOAL # _____ Chemical Name: _____ **CASRN:** _____

Narrative description of proposed project: _____

How we will measure success: _____

1a. Our voluntary **source reduction** goal for Chemical # _____ is to reduce the amount of this chemical generated/used from a baseline amount of _____ pounds in _____ (month/year) to a reduced amount of _____ pounds generated/used by _____ (month/year).

1b. To accomplish this goal, we will use the following source reduction options (check all that apply):

- | | |
|---|--|
| <input type="checkbox"/> Equipment or technology modifications. | <input type="checkbox"/> Process or procedure modifications. |
| <input type="checkbox"/> Reformulation or redesign of products. | <input type="checkbox"/> Substitution of less toxic raw materials. |
| <input type="checkbox"/> Improvements in inventory control. | <input type="checkbox"/> Improvements in maintenance/housekeeping practices. |
| <input type="checkbox"/> Other (describe): _____ | |

2a. In addition to, or in lieu of using source reduction methods, our voluntary **recycling or recovery** goal for Chemical # _____ is to increase the recycled or recovered quantity of this chemical from a baseline amount of _____ pounds in _____ (month/year) to an increased quantity of _____ pounds by _____ (month/year).

2b. To accomplish this recycling or recovery goal, we will use the following options (check all that apply):

- ☐ Direct use/reuse in a process to make a product.
- ☐ Processing the waste to recover or regenerate a usable product.
- ☐ Using/reusing waste as a substitute for a commercial product.